

**CLAIMS (as amended on 22 November 2004)**

1. A method for displaying a cursor on a display of an electronic device, wherein only part of a virtual view is displayed at a time on the display of the device, wherein the method comprises the steps of:
- 5       changing the displayed part of the virtual view on the display in response to user actions;  
      displaying a cursor on the display,  
      c h a r a c t e r i z e d   in that the method further comprises the step of:
- 10       determining a relation between the cursor location on the display and the location of the displayed part of the virtual view within the whole virtual view so that the cursor location on the display reflects the location of the displayed part of the virtual view in proportion to the whole virtual view.
- 15       2. The method according to claim 1, c h a r a c t e r i z e d   in that the cursor is moved to the same direction as the virtual view is scrolled.
3. The method according to claim 1, c h a r a c t e r i z e d   in that the relation is linear or non-linear.
4. The method according to claim 1, c h a r a c t e r i z e d   in that the method further comprises the steps of:
- 20       moving the cursor to a desired location; and  
      displaying the corresponding part of the virtual view on the display.
5. The method according to claim 1, c h a r a c t e r i z e d   in that changing the orientation of the electronic device changes the view on the display.
- 25       6. The method according to claim 1, c h a r a c t e r i z e d   in that the cursor, the displayed part of the virtual view and/or the virtual view have the same origin.
7. The method according to claim 1, c h a r a c t e r i z e d   in that the deviation of the cursor from the centre of the displayed part of the virtual view is proportional to the deviation of the displayed part from the origin of
- 30       the virtual view.
8. An electronic device for displaying a cursor on a display of the electronic device, the electronic device comprising at least:
- a processor (10);

10

a memory (20) coupled to the processor (10), the memory (20) comprising a virtual view suitable for conveying information to the user of the electronic device;

a display (40) coupled to the processor (10);

5 view control means (50) with which the view on the display (10) is changed;

a cursor (60) on the display (10),

characterized in that the electronic device further comprises:

10 a relation between the cursor (60) location on the display (40) and the location of the displayed part of the virtual view within the whole virtual view so that the cursor (60) location on the display reflects the location of the displayed part of the virtual view in proportion to the whole virtual view.

9. The electronic device according to claim 8, characterized  
15 in that view control means (50) refer to motion control means, scroll bar(s) or a mouse.

10. The electronic device according to claim 8, characterized in that the electronic device comprises:

20 means for moving (70) the cursor (60) to a desired location and in response to the movement, displaying the corresponding part of the virtual view on the display (40).

11. The electronic device according to claim 8, characterized in that the electronic device is a mobile phone.

12. The electronic device according to claim 8, characterized  
25 in that the electronic device is a Personal Digital Assistant (PDA), remote control, gaming console, web tablet, wireless device, mobile camera or internet appliance.

13. The electronic device according to claim 8, characterized  
30 in that the cursor, the displayed part of the virtual view and/or the virtual view are arranged to have the same origin.

14. The electronic device according to claim 8, characterized in that the deviation of the cursor from the centre of the displayed part of the virtual view is arranged to be proportional to the deviation of the displayed part from the origin of the virtual view.

35 15. A computer program embodied on a computer-readable medium, wherein the computer program executes the program steps recorded

in a computer-readable medium to perform a method for displaying a cursor on a display of an electronic device, wherein only part of a virtual view is displayed at a time on the display of the electronic device, wherein the method comprises the steps of:

- 5                   changing the displayed part of the virtual view on the display in response to user actions;  
                  displaying a cursor on the display;  
                  c h a r a c t e r i z e d   in that the method further comprises the step of:
- 10               determining a relation between the cursor location on the display and the location of the displayed part of the virtual view within the whole virtual view so that the cursor location on the display reflects the location of the displayed part of the virtual view in proportion to the whole virtual view.
- 15               16. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that the cursor is moved to the same direction as the virtual view is scrolled.
17. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that the relation is linear or non-linear.
- 20               18. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that the method further comprises the steps of:  
                  moving the cursor to a desired location; and  
                  displaying the corresponding part of the virtual view on the display.
- 25               19. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that changing the orientation of the electronic device changes the view on the display.
20. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that the cursor, the displayed part of the virtual view and/or the virtual view are arranged to have the same origin.
- 30               21. The computer program according to claim 15, c h a r a c -  
t e r i z e d   in that the deviation of the cursor from the centre of the displayed part of the virtual view is arranged to be proportional to the deviation of the displayed part from the origin of the virtual view.